



SEQUENCE LISTING

#5

<110>

Heil, James R  
Jayasena, Sumedha D

<120> Aptamer Based Two-Site Binding Assay

<130> NEX 89

<140> 09/681,508

<141> 2001-04-18

<150> 60/198,016

<151> 2000-04-18

<160> 13

<170> PatentIn Ver. 2.0

<210> 1

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<400> 1

tagccaaggt aaccagtaca aggtgctaaa cgtaatggct tcggcttac

49

<210> 2

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<400> 2

gtagtcactg gttggtgagg ttgggtgact ac

32

<210> 3

<211> 37

<212> DNA

<213> Artificial Sequence

09681508.07601

109220" BOSTON

<220>

<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<400> 3

gcttagtccg tggtagggca ggttggggtg actaagc

37

<210> 4

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<220>

<221> modified\_base

<222> (32)

<223> C at position 32 is derivatized with a fluorescein  
at the 3' carbon.

<400> 4

gtagtcactg gttggtgagg ttgggtgact ac

32

<210> 5

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<220>

<221> modified\_base

<222> (38)

<223> T at position 38 is derivatized with a fluorescein  
at the 3' carbon.

<400> 5

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38

<210> 6

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<220>

<221> modified\_base

<222> (1)

<223> G at position 1 is derivatized with a fluorescein  
at the 5' carbon.

<400> 6

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32

<210> 7

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<220>

<221> modified\_base

<222> (1)

<223> T at position 1 is derivatized with a fluorescein  
at the 5' carbon.

<400> 7

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38

<210> 8

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<220>

<221> modified\_base

<222> (35)..(36)

<223> The residues at positions 35 and 36 are connected  
by a glycol phosphoramidite linker derivatized  
with a fluoresceinated thymidine.

<400> 8  
gtagtcactg gttggtgagg ttgggtgact acttttttca tcagtgggtt ggagtgggtg 60  
gtcactgatg 70

<210> 9  
<211> 37  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
Nucleic Acid Ligand

<220>  
<221> modified\_base  
<222> (37)  
<223> C at position 37 is derivatized with a fluorescein  
at the 3' carbon.

<400> 9  
gcttagtccg tggtagggca gggtggggtg actaagc 37

<210> 10  
<211> 43  
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Nucleic Acid Ligand

<220>  
<221> modified\_base  
<222> (43)  
<223> T at position 43 is derivatized with a fluorescein  
at the 3' carbon.

<400> 10  
gcttagtccg tggtagggca gggtggggtg actaagcttt ttt 43

<210> 11  
<211> 37  
<212> DNA  
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<220>  
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Nucleic Acid Ligand

<220>  
 <221> modified\_base  
 <222> (1)  
 <223> G at position 1 is derivatized with a fluorescein  
 at the 5' carbon.

<400> 11  
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37

<210> 12  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 Nucleic Acid Ligand

<220>  
 <221> modified\_base  
 <222> (1)  
 <223> T at position 1 is derivatized with a fluorescein  
 at the 5' carbon.

<400> 12  
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42

<210> 13  
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 <212> DNA  
 <213> Artificial Sequence

<220>  
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 Nucleic Acid Ligand

<220>  
 <221> modified\_base  
 <222> (37)..(38)  
 <223> The residues at positions 37 and 38 are connected  
 by a glycol phosphoramidite linker derivatized  
 with a fluoresceinated thymidine.

<400> 13  
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 tggtagcctga ttcg 74

09681508-072601